

**AMENDMENTS TO THE SPECIFICATION:**

On page 1, at line 30, amend the heading as follows:

**DESCRIPTION SUMMARY OF THE INVENTION**

On page 2, at line 21, insert the following text:

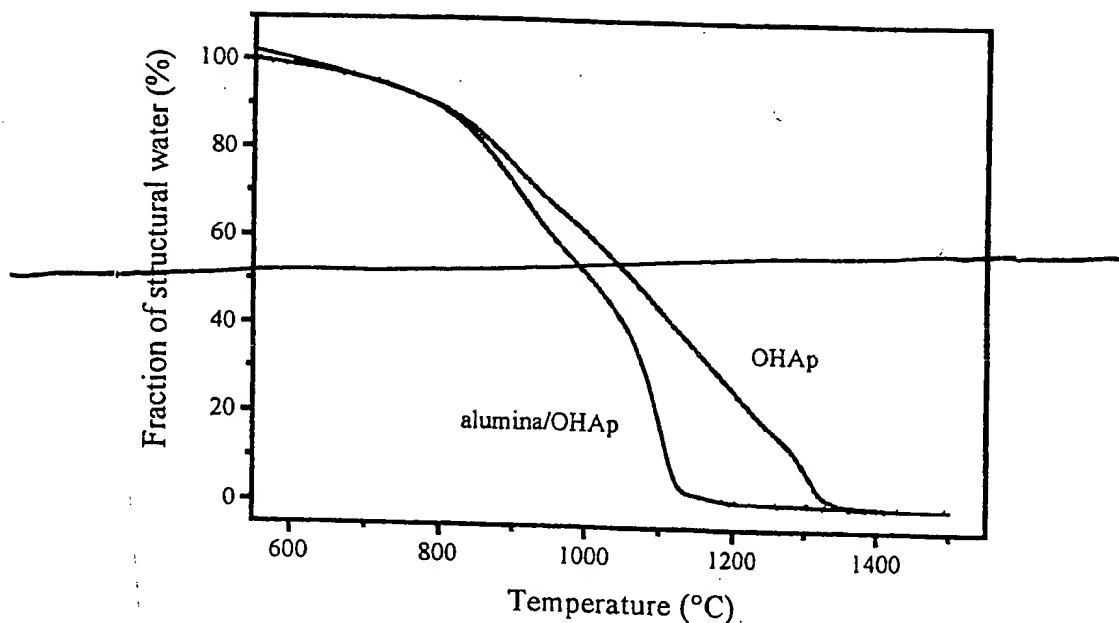
**BRIEF DESCRIPTION OF THE DRAWING**

Figure 1 is a plot of structural water percentages at various temperatures.

**DETAILED DESCRIPTION OF THE INVENTION**

On page 6, the paragraph beginning at line 14, amend the text as follows:

~~In the figure below there is shown~~ Figure 1 shows an example of how the departure of water takes place from pure hydroxyapatite (OHAp) and from hydroxyapatite in a composite (aluminium oxide with 60 vol-% hydroxyapatite).



The reason for the difference in water departure is decomposition, which for the composite takes place in sequential steps according to reaction 1 and 2 (see the describing text above), and which for pure hydroxyapatite only takes place according to reaction 1. The departure of hydroxyl groups is accelerated by the presence of oxide. The graphs have been plotted by thermogravimetric analysis in a TG apparatus of the brand Seta-ram TAG24. The departure of water is standardized according to the same content of hydroxyapatite.

**AMENDMENTS TO THE DRAWINGS:**

Figure 1 enclosed herewith has been added in accordance with the provisions of 37 C.F.R. § 1.81(c).

It is respectfully requested that this new formal drawing be approved and made a part of the record of the above-identified application.